



SEQUENCE LISTING

B

<110> Pangene Corporation

<120> Locked Nucleic Acid Hybrids and Methods of Use

<130> FP-68112-1-PC/RFT/RMS

<140> PCT/US00/10909

<141> 2000-04-21

<150> USSN 60/130,345

<151> 1999-04-21

<150> USSN 09/557,423

<151> 2000-04-21

<160> 18

<170> PatentIn Ver. 2.1

<210> 1

<211> 62

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: B-DNA

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ta 62

<210> 2

<211> 62

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: B-DNA

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tagtggatcc cccgggctgc aggaattcga tatcaagctt atcgataccg tcgacacctga 60  
gg 62

<210> 3

<211> 81  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Z-DNA

<400> 3  
cctcgaggtc gacggtatcg ataagcttga ttgtgtgtgt gtgtgtgtgt atcgaattcc 60  
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<210> 4  
<211> 81  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Z-DNA

<400> 4  
tagtggatcc cccgggctgc aggaattcga tacacacacaca cacacacaca atcaagctta 60  
tcgataccgt cgacacctcgag g 81

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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Quadruplex  
forming DNA

<400> 5  
cctcgaggtc gacggtatcg ataagcttga tttggggttt gggttatcga attcctgcag 60  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Quadruplex  
forming DNA

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accgtcgacc tcgagg 76

<210> 7  
<211> 19  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Z-DNA

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19

<210> 8  
<211> 19  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Z-DNA

<400> 8  
tgtgtgtgtg tgtgtgtgt

19

<210> 9  
<211> 14  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Quadruplex  
forming DNA

<400> 9  
ttggggttgg ggtt

14

<210> 10  
<211> 41  
<212> DNA  
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Triplex forming DNA

<400> 10

agcttccttc ctccctcccc taatacccca cccaccaccc g

41

<210> 11

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Triplex forming DNA

<400> 11

aattcgggtg gtgggtgggg tattagggga gggaggagg a

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<210> 12

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: FECO peptide

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Asn Gln Ile Arg Met Lys Ile Gly Val Met Phe Gly Asn Pro Glu Thr  
1 5 10 15

Thr Thr Gly Gly

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<210> 13

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: nuclear localization sequence. FECO fusion

<400> 13

Pro Leu Leu Leu Ala Leu Val Asn Gln Ile Arg Met Lys Ile Gly Val  
1 5 10 15

Met Phe Gly Asn Pro Glu Thr Thr Thr Gly Gly  
20 25

<210> 14  
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<220>  
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Artificial Sequence: nuclear localization  
sequence. FECO fusion

<400> 14  
Pro Leu Leu Leu Ala Leu Val  
1 5

<210> 15  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: reference  
sequence

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<210> 16  
<211> 5  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: reference  
sequence

<400> 16  
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<210> 17  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: quadruplex  
forming DNA

<400> 17  
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14

<210> 18  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: triplex  
forming DNA

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